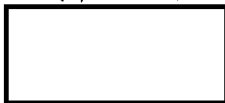


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VEHICLE TRAFFIC
NORTH VIETNAM

1. SIGNIFICANCE:

THIS BRIEFING BOARD PRESENTS AN ANALYSIS OF  PHOTOGRAPHY TO 25X1 DETERMINE THE GROUND TRAFFIC MOVEMENT BY THE NORTH VIETNAMESE IN RESPONSE TO THE ALLIED CHRISTMAS TRUCE, 24-25 DECEMBER 1967. THIS STUDY PLACED PARTICULAR EMPHASIS ON THE AMOUNT OF VEHICULAR TRAFFIC, THE HEADINGS (NORTH OR SOUTH) OF THE TRAFFIC, THE NATURE OR GENERAL TYPE OF EQUIPMENT USED, AND THE ROUTES USED TO EFFECT THIS FLOW OF MATERIAL.

2. BRIEFING BOARD READOUT:

THIS BRIEFING BOARD DEPICTS VEHICULAR TRAFFIC IN A PHOTOGRAPHICALLY LIMITED AREA SOUTH OF THANH HOA AND MAINLY ALONG COASTAL ROUTE 1A WHERE THE HEAVIEST ACTIVITY WAS ANTICIPATED. THE PHOTOGRAPHY DID NOT PROVIDE SUFFICIENT COVERAGE OF ROUTES 12/15, 1501, 82, AND THE WESTERN PORTIONS OF 101 AND 1101 TO ASSESS THEIR USE DURING THE CHRISTMAS TRUCE. THE PHOTOGRAPHIC COVERAGE OF THE ROUTE SEGMENTS LOCATED IN THE GENERAL AREA BETWEEN 1800N AND 1900N WAS NOT AS EXTENSIVE AS THE AREAS BETWEEN 1700N TO 1800N OR 1900N TO 2000N. THIS INCLUDES THE VINH AREA AND OTHERS OF ANTICIPATED VEHICULAR ACTIVITY AND MATERIAL TRANSHIPMENT. SOME SECTIONS OF ROUTE 1A, PARTICULARLY SOUTH OF VINH, WERE OBSCURED BY CLOUD COVER.

THE AMOUNT OF VEHICLE CARGO TRAFFIC OBSERVED IS PRESENTED IN ATTACHMENT 1.

NGA review(s)
completed.

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THE HEAVIEST CONCENTRATION OF TRAFFIC WAS OBSERVED ON THE ROUTE 1A SEGMENT BETWEEN THANH HOA AND VINH, PARTICULARLY AT RIVER CROSSINGS AND AT THE SUPPLY POINTS AT THIEN KI AND YEN PHU.

SMALL SCATTERED GROUPS AND INDIVIDUAL TRUCK SIGHTINGS OF TRAFFIC WERE MORE GENERALLY OBSERVED THAN LONG CONVOY FORMATIONS. THERE WERE SEVERAL SIGHTINGS OF EXTENDED CONVOYS, BUT THESE WERE THE EXCEPTIONS. (SEE INSET)

MOST OF THE CARGO COMPARTMENTS OF THE VEHICLES WERE CANVAS-COVERED, ESPECIALLY ON SOUTHBOUND TRAFFIC. WHEN THE CARGO WAS VISIBLE IN THE TRUCKS, IT USUALLY APPEARED TO BE SACKS OF MATERIAL RATHER THAN CRATES OR PACKAGED GOODS. A NUMBER OF TRUCKS WERE OBSERVED CARRYING PROBABLE POL DRUMS. PETROLEUM FOR THE TRAFFIC WAS PROBABLY SUPPLIED BY REGULAR CARGO TRUCKS CARRYING A LARGE PETROLEUM STORAGE TANK IN THEIR CARGO COMPARTMENTS. NUMEROUS SUCH TRUCKS WERE OBSERVED SCATTERED ON ROUTE 1A, BOTH NORTHBOUND AND SOUTHBOUND.

FOLIAGE WAS USED AS CAMOUFLAGE FOR TRUCKS IN ONLY A FEW CASES. GENERALLY LITTLE OR NO ATTEMPT WAS MADE FOR CONCEALMENT OR DECEPTION OF TRAFFIC MOVEMENTS. WOODEN FRAMES, COMMONLY USED TO HELP IN CAMOUFLAGING THE CAB AND HOOD PORTIONS OF TRUCKS, WERE OBSERVED, BUT WITHOUT CAMOUFLAGING ATTACHED.

THE ONLY UNUSUAL OBSERVATION OF EQUIPMENT WAS TWO SIGHTINGS OF FARM-TYPE TRACTORS PULLING EMPTY TRAILERS NORTH TOWARD QUANG KHE. SEVERAL CARGO TRUCKS WERE OBSERVED PULLING CARGO TRAILERS.

THE ROUTES WERE GENERALLY SERVICEABLE WITH APPARENT PRE-PLANNED AID TO

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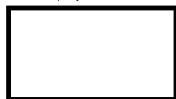
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TRAFFIC MOVEMENT EVIDENT. EXAMPLES OBSERVED INCLUDE THE USE OF TUG-POWERED FERRIES AT PHUNG-CAT, TEMPORARY PONTON BRIDGES AT YEN PHU, WHITE CENTER ROAD LINE TO FACILITATE NIGHT TRAFFIC; AND POLE BARRIERS AND PROBABLE DIRECTIONAL SIGNS TO CONTROL AND DIRECT TRAFFIC FLOW.

THE FOLLOWING FIVE INSET PHOTOGRAPHS ON THE GRAPHIC DEPICT COMMON OR INTERESTING SIGHTINGS DURING THE CHRISTMAS TRUCE:

5X1 1)  REVEALS AN OVERTURNED CARGO TRUCK LOCATED AT 19-41-00N 105-47-15E IN A PADDY SIX NM SOUTH OF THANH HOA ON ROUTE 1A. ONE PROBABLE POL TRUCK AND A CARGO TRUCK FACING SOUTH ON ROUTE 1A ARE ALSO OBSERVED.

5X1 2)  REVEALS THREE CARGO TRUCKS AND TWO POL TRUCKS HEADING SOUTH AND TWO ADDITIONAL CARGO TRUCKS HEADING SOUTH AT 19-37-10N 105-48-00E.

5X1 3) , REVEALS THE PHUNG CAT HIGH-WAY FERRY OVER SONG YEN  AT 19-35-47N 105-47-45E. 25X1
TWO TUG-POWERED FERRIES CARRYING TRUCKS IN BOTH DIRECTIONS ACROSS THE SONG YEN (RIVER) ARE OBSERVED. TWELVE TRUCKS ARE NOTED: TWO ON EACH FERRY, FIVE PROBABLE WAITING ON THE NORTH BANK, AND THREE AND ONE EMPTY TRAILER WAITING ON THE SOUTH BANK.

25X1 
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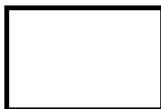
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4)  REVEALS TRAFFIC ON ROUTE 1A
AT 19-19-10N 105-43-30E, THIRTY NM SOUTH OF THANH HOA. TRAFFIC
OBSERVED INCLUDES THREE POL TRUCKS, ONE EMPTY AND ONE COVERED
CARGO TRUCK NORTHBOUND, AND ONE POL TRUCK MOVING SOUTH. A
PROBABLE ROAD GUARD STATION AND A PROBABLE TRAFFIC DIRECTIONAL
SIGN IS OBSERVED AT THE JUNCTION OF ROUTE 1A AND 1A ALTERNATE.



25X1

5)  REVEALS NORTHBOUND AND
SOUTHBOUND TRAFFIC ON ROUTE 1A AT 19-10-15N 105-35-22E, FORTY-
EIGHT NM SOUTH OF THANH HOA. NORTHBOUND TRAFFIC INCLUDES TWO POL
TRUCKS, FORTY-SIX CARGO TRUCKS. (TWENTY-TWO EMPTY AND TWENTY-FOUR
COVERED). SOUTHBOUND TRAFFIC INCLUDES TWENTY-THREE COVERED CARGO
TRUCKS.



25X1

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ATTACHMENT 1

THE FOLLOWING FIGURES ARE TRAFFIC SIGHTINGS ONLY AND IN MANY CASES MAY INCLUDE MORE THAN ONE COUNTING OF VEHICLES AS THE TRAFFIC WAS IMAGED IN SUCCESSIVE MISSIONS DURING THE SAME DAY.

ROUTE	LOCATION	NORTH HEADINGS	SOUTH HEADINGS	UNDETERMINED HEADINGS
ROUTE 1A, 1A ALTERNATES, AND BY-PASSES	1700N - 1800N	69	189	7
	1800N - 1900N	3	46	
	1900N - 2000N	244	285	86
ROUTE 194	1900N - 2000N		6	
ROUTE 108	1700N - 1800N	4	58	
ROUTE 110	1700N - 1800N	5 (NW)	2 (SE)	2
ROUTE 101	1700N - 1800N	2	1	
ROUTE 107	1700N - 1800N	1	4	
ROUTE 106	1700N - 1800N		2 (SE)	
ROUTE 104	1700N - 1800N	4 (NW)	2 (SE)	
ROUTE 137	1700N - 1800N	5	1	2
TOTAL		337	596	97

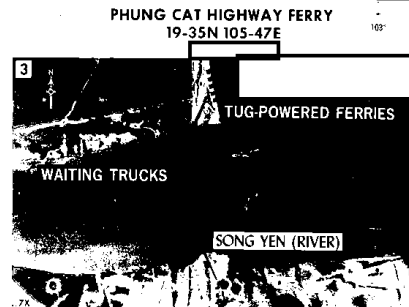
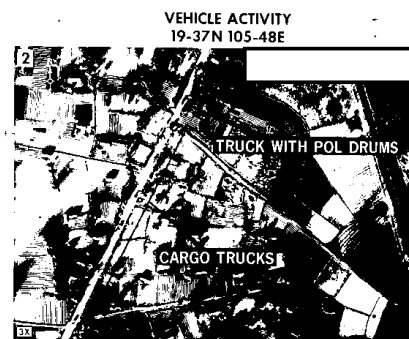
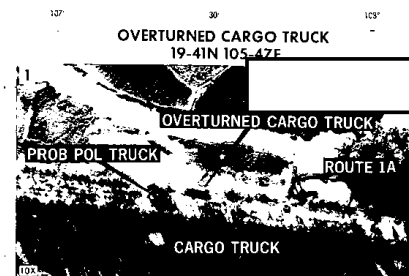
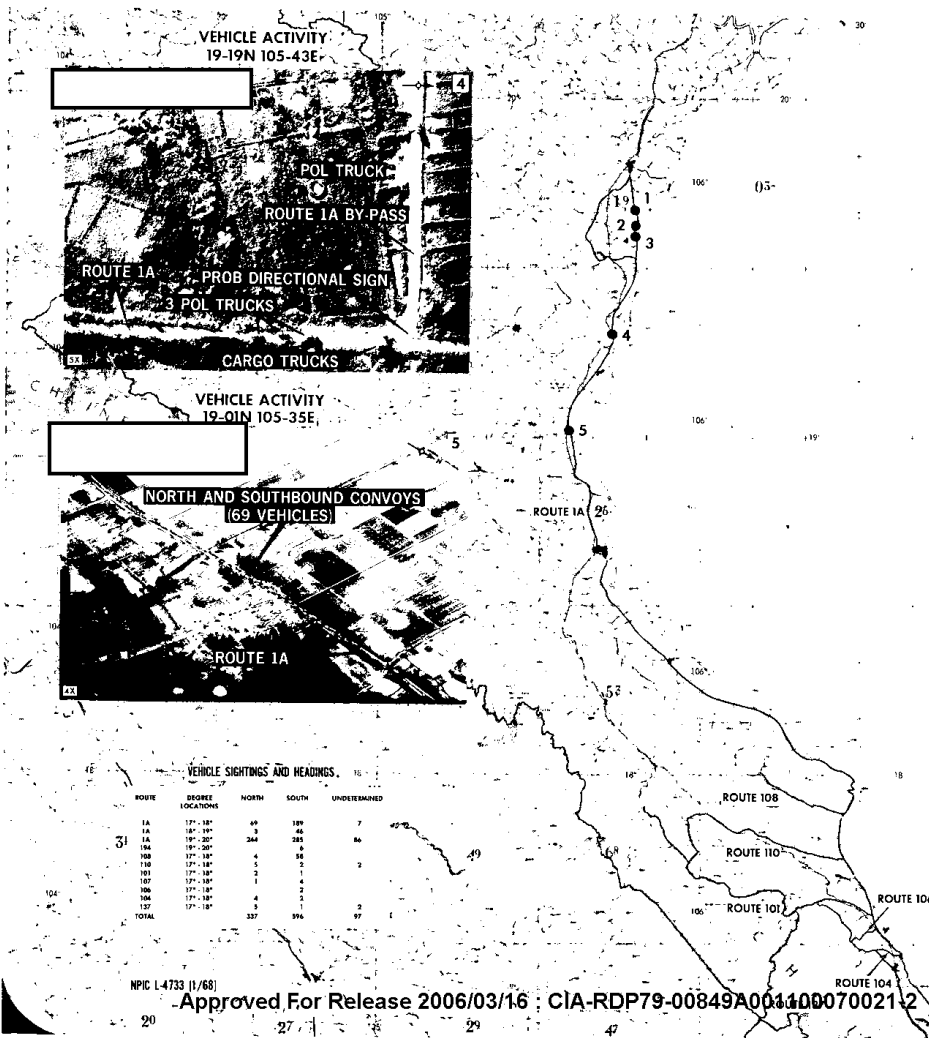
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